Amendments to the Claims:

Without prejudice, this listing of the claims replaces all prior versions and listings of the claims in the present application:

Listing of the Claims:

1-5. (Canceled).

6. (Previously Presented) A method for digital data transmission from a sensor to a control unit, comprising:

dividing sensor values of the sensor for data transmission at different resolutions, the sensor values forming a first range of values including successive sensor values; and

dividing the first range of values as a function of a variable relevant for the control unit.

7. (Previously Presented) The method as recited in Claim 6, wherein:

the variable is a second range of sensor values for threshold values of a triggering algorithm for a restraining device, and

the sensor values in the second range of values are transmitted from the sensor to the control unit at a higher resolution.

8. (Previously Presented) The method as recited in Claim 7, wherein the second range of values is selected from a lower half of the first range of values.

9. (Previously Presented) The method as recited in Claim 6, wherein the method is executed by a transmitter module in the sensor.

10. (Previously Presented) The method as recited in Claim 6, wherein the method is executed by a receiver module in a control unit.

11. (New) The method as recited in Claim 6, wherein:

the variable is a second range of sensor values for threshold values of a triggering algorithm for a restraining device,

the sensor values in the second range of values are transmitted from the sensor to the control unit at a higher resolution,

the second range of values is selected from a lower half of the first range of values, and

the operations are executed by a transmitter module in the sensor.

12. (New) The method as recited in Claim 6, wherein:

the variable is a second range of sensor values for threshold values of a triggering algorithm for a restraining device,

the sensor values in the second range of values are transmitted from the sensor to the control unit at a higher resolution,

the second range of values is selected from a lower half of the first range of values, and

the operations are executed by a receiver module in a control unit.